

Geant4 neutron mini-Workshop

Report of Contributions

Contribution ID: 0

Type: **not specified**

ParticleHP and Interpolation Scheme

Tuesday 8 July 2014 09:20 (40 minutes)

Presenter: Mr ARCE, Pedro (CIEMAT)

Session Classification: New and Future Developments

Contribution ID: 1

Type: **not specified**

Adding break up reaction to HP

Tuesday 8 July 2014 10:00 (30 minutes)

Author: MENDOZA CEMBRANOS, Emilio (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

Presenter: MENDOZA CEMBRANOS, Emilio (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES)

Session Classification: New and Future Developments

Contribution ID: 2

Type: **not specified**

Status and feature development of GND, GIDI and G4LEND

Tuesday 8 July 2014 10:30 (40 minutes)

Presenter: Dr BECK, Bret (LLNL)

Session Classification: New and Future Developments

Contribution ID: 3

Type: **not specified**

Development of Fission Fragment Generator

Tuesday 8 July 2014 11:10 (30 minutes)

Presenter: WENDT, Brycen Linn

Session Classification: New and Future Developments

Contribution ID: 4

Type: **not specified**

Discussion

Tuesday 8 July 2014 11:40 (10 minutes)

Session Classification: New and Future Developments

Contribution ID: 5

Type: **not specified**

Welcome and Practical issues

Tuesday 8 July 2014 08:30 (10 minutes)

Presenter: Dr KOI, Tatsumi (SLAC National Accelerator Laboratory (US))

Session Classification: Welcome and practical issues

Contribution ID: 6

Type: **not specified**

Introduction

Tuesday 8 July 2014 08:40 (40 minutes)

Presenter: Dr KOI, Tatsumi (SLAC National Accelerator Laboratory (US))

Session Classification: Welcome and practical issues

Contribution ID: 7

Type: **not specified**

CIEMAT data preparation for IAEA

Wednesday 9 July 2014 11:30 (20 minutes)

Presenters: CANO OTT, Daniel (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES); MENDOZA CEMBRANOS, Emilio (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

Session Classification: Data Library

Contribution ID: 8

Type: **not specified**

LLNL data preparation and international GND project

Wednesday 9 July 2014 13:30 (20 minutes)

Presenter: Dr MATTOON, Caleb (LLNL)

Session Classification: Data Library

Contribution ID: 9

Type: **not specified**

Documentation of data format

Wednesday 9 July 2014 13:50 (20 minutes)

Presenter: Dr KOI, Tatsumi (SLAC National Accelerator Laboratory (US))

Session Classification: Data Library

Contribution ID: **10**

Type: **not specified**

Review of Geant4 biasing

Wednesday 9 July 2014 08:30 (40 minutes)

Presenter: Dr VERDERI, Marc (Ecole Polytechnique (FR))

Session Classification: Biassing

Contribution ID: **11**

Type: **not specified**

Introduction of conservation problem on data driven models

Tuesday 8 July 2014 15:30 (20 minutes)

Presenter: Dr KOI, Tatsumi (SLAC National Accelerator Laboratory (US))

Session Classification: Conservations

Contribution ID: 12

Type: **not specified**

Performance improvement of neutronHP by simplified Doppler broadening

Tuesday 8 July 2014 13:30 (20 minutes)

Presenter: MENDOZA CEMBRANOS, Emilio (Centro de Investigaciones Energ. Medioambientales y Tecn. - (ES))

Session Classification: Performance improvement

Contribution ID: 13

Type: **not specified**

Advanced applications of neutron simulation and data formats

Tuesday 8 July 2014 13:50 (40 minutes)

Presenter: Mr CARMINATI, Federico (CERN)

Session Classification: Performance improvement

Contribution ID: 14

Type: **not specified**

G4-STORK: Stochastic Calculations of Reactor Kinetics

Wednesday 9 July 2014 10:00 (30 minutes)

Presenter: Dr BUIJS, Adriaan (McMaster University)

Session Classification: Nuclear devices and so on

Contribution ID: 15

Type: **not specified**

Accuracy and speed of the HP models

Wednesday 9 July 2014 10:30 (30 minutes)

Presenter: Dr CAI, Xiao Xiao (IFE)

Session Classification: Nuclear devices and so on

Contribution ID: **16**

Type: **not specified**

G4NeutronHP Configuration Manager

Wednesday 9 July 2014 15:30 (20 minutes)

Author: KELSEY, Michael (SLAC National Accelerator Laboratory (US))

Session Classification: Discussion